

**WHAT IS CLAIMED IS:****1. A database constructing system comprising:**

a web server for showing information on personal goods to wear  
5 or carry;

a statistical analyzing means for dividing a personal body picture  
into component to classify them into a type of every component and  
statistically analyzing a relationship between the type of every  
component and selected personal goods to wear or carry in order to  
10 collect data for associating the personal body characteristics with said  
selected personal goods to wear or carry on the basis of the personal body  
picture and the information on the personal goods to wear or carry  
selected by the person transmitted to said web server by using a web  
browser; and

15 a memory means for associating and preserving information on  
said type of every component and said selected personal goods to wear or  
carry.

**2. A database constructing system comprising:**

20 a web server for showing information on eyeglass frame;

a statistical analyzing means for dividing a personal facial  
picture into component to classify them into a type of every facial  
component and statistically analyzing a relationship between the type of  
every facial component and the selected eyeglass frame in order to  
25 collect data for associating said personal facial type with said selected  
eyeglass frame on the basis of the personal facial picture and the  
information on the eyeglass frame selected by the person transmitted to

said web server by using a web browser; and

a memory means for associating and preserving information on said type of every facial component and said selected eyeglass frame.

5           3. A database constructing system according to claim 2, wherein said statistical analyzing means divides automatically the personal facial picture into the component to classify them into a type of every facial component, and analyzes statistically a relationship between the type of every facial component and said selected eyeglass frame.

10           4. A database constructing system according to claim 2, further comprising a display means for displaying the relationship between said type of every facial component and said selected eyeglass frame by a statistical display method, the association between said type of every  
15 facial component and said selected eyeglass frame being performed by manual input.

20           5. A database constructing system according to claim 3, wherein said statistical analyzing means has an extracting means for extracting said facial component from said facial picture.

25           6. A database constructing system according to claims 3, wherein said facial component is selected from facial contour, hair, facial color, eyes, eyebrows, nose, ears, mouth and jaw.

7. A database constructing system according to claim 6, wherein at least age and gender are transmitted together with said facial picture

to be reflected to the database construction.

8. A database constructing system according to claim 7, wherein racial information is transmitted together with said facial picture to be  
5 reflected to the database construction.

9. A database constructing system according to claims 6, wherein said selected eyeglass frame is subdivided into any combination of the components such as shape, color, material, maker name and  
10 designer name to be associated with said type of facial component.

10. A database constructing system according to claims 6, wherein the preference degree for the former selected eyeglass frame is determined on the basis of the time interval between the former selected  
15 eyeglass frame and the latter selected eyeglass frame.

11. A database constructing system according to claims 6, wherein when an eyeglass frame different from the former selected eyeglass frame is selected, and then, the same eyeglass frame as said  
20 former selected eyeglass frame is selected again, the preference degree for the selected eyeglass frame is determined considering that said former selected eyeglass frame is suitable.

12. A database constructing system for eyeglasses comprising:  
25 a web server for showing information on eyeglass frame;  
a statistical analyzing means for dividing a personal facial picture into component to extract facial characteristics and statistically

analyzing a relationship between the facial characteristics and the selected eyeglass frame in order to collect data for associating said personal facial characteristics with said selected eyeglass frame on the basis of the personal facial picture and the information on the eyeglass  
5 frame selected by the person transmitted to said web server by using a web browser; and

a memory means for associating and memorizing information on said facial characteristics and said selected eyeglass frame.

10 13. A program product comprising:

a program for executing an extracting step for extracting facial component from a facial picture;

a program for executing a step for comparing said facial component with a predetermined determining reference to classify every  
15 type of said component on the basis of the executed result of the extracting program;

a program for executing a statistical analyzing step for statistically analyzing a relationship between said component classified by type and the selected eyeglass frame; and

20 a program for executing a preserving step for preserving the statistical analyzing result.

14. An eyeglass frame selecting service system comprising:

a memory means for dividing information on a facial component  
25 to memorize eyeglass frame information associated with a type of every component;

an extracting means for extracting the facial component from a

customer's facial picture;

a selecting means for selecting information on an eyeglass frame memorized in said memory means on the basis of the extracted result of the extracting means; and

5 a showing means for showing the selected eyeglass frame.

15 15. An eyeglass frame selecting service system according to claim 14, further comprising an associating means for dividing said facial component to associate a type of every component with said information on the eyeglass frame.

16 16. An eyeglass frame selecting service system according to claim 14, wherein said facial component is selected from facial contour, eyebrows, hair, eyes, nose, ears, mouth, jaw and color.

15 17. An eyeglass frame selecting service system according to claim 14, wherein said showing means is a server apparatus for generating a homepage, the server apparatus has a synthesizing means for synthesizing the selected eyeglass frame with the facial picture when  
20 a customer transmits the facial picture and accesses said server apparatus in order to order the eyeglass frame by using the Internet, and said showing means transmits the synthesized picture to said customer.

25 18. An eyeglass frame selecting service system according to claim 14, further comprising a photographing means for photographing a face, said eyeglass frame being selected and shown on the basis of a

facial picture photographed by the photographing means when a customer visits optician.

19. An eyeglass frame selecting service system according to claim 14, wherein the face of the customer whose facial picture is registered, is divided into the component, an eyeglass frame associated with a type of every facial component being synthesized with said facial picture, the facial picture synthesized with the eyeglass frame being attached to an electronic mail to be transmitted to said customer.

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20. An eyeglass frame selecting service system comprising:

a memory means for preserving eyeglass frame information associated with the facial characteristic information;

an extracting means for extracting the facial characteristics from a customer's facial picture;

a selecting means for selecting information on an eyeglass frame memorized in said memory means on the basis of the extracted result of the extracting means; and

a showing means for showing the selected eyeglass frame.

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21. A program product for eyeglass frame selecting service comprising:

a program for executing an extracting step for extracting a facial component from a customer's facial picture;

a program for executing a selecting step for selecting an eyeglass frame associated with facial characteristics from a memory means on the basis of the executed result of the extracting program; and

a program for executing a showing step for showing the eyeglass frame selected by executing the selecting program.

22. An eye test service system wherein:

5 an eye test service apparatus having a photographing camera which photographs a facial picture of a user of an eye test service and obtaining eye test data of an objective eye of the service user and further connected to a database system through a communication line is provided at an eye test service equipment; wherein

10 an issue apparatus for issuing a user ID for specifying said user and a user password for calling out the photographed facial picture is provided at the eye test service apparatus or said database system,

said database system being provided with an eye test data memory means for preserving said eye test data, a memory means for preserving information on said facial picture, and a web server for showing said facial picture when said service user inputs said user ID and said user password by using a terminal to access said database system.

20 23. An eye test service system according to claim 22, wherein said database system is provided with an eyeglass frame data memory means, and said web server is provided with a selecting means for selecting the eyeglass frame and a picture synthesizing means for synthesizing the selected eyeglass frame with a facial picture.

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24. An eye test service system according to claim 23, wherein said issue apparatus issues said user ID and said user password on the

basis of the input of the electronic mail address of said service user.

25. An eye test service system wherein:

an eye test service apparatus having a photographing camera  
5 which photographs a facial picture of a user of an eye test service and  
obtaining eye test data of an objective eye of the service user and further  
connected to a database system through a communication line is  
provided at an eye test service equipment; wherein

an issue apparatus for issuing a user ID for specifying said user  
10 and a transmitting means for transmitting said facial picture to a  
terminal of said service user is provided at the eye test service apparatus  
or said database system,

said database system being provided with an eye test data  
memory means for preserving said eye test data, and a web server  
15 having an eyeglass frame showing means for showing an eyeglass frame  
when said service user inputs said user ID by using said terminal to  
access said database system,

said terminal being provided with a picture synthesizing means  
for synthesizing the selected eyeglass frame with said facial picture to  
20 display the synthesized picture.

26. An eye test service system according to claim 25, wherein  
said transmitting means transmits said facial picture to said terminal  
on the basis of the input of an electronic mail address.

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27. A database constructing system for eyeglasses comprising:  
a web server for showing information on eyeglass frame and



items for inputting personal characteristic portion;

a statistical analyzing means for collecting data for associating  
said personal characteristics with said selected eyeglass frame and  
statistically analyzing a relationship between the personal  
5 characteristics and said selected eyeglass frame by the data based on the  
input items of the personal characteristic portion transmitted to said  
web server by using a web browser and the information on the eyeglass  
frame selected by the person; and

a memory means for associating and preserving information on  
10 said personal characteristics with said selected eyeglass frame.

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